JOHNS HOPKINS UNIVERSITY			ZANVYL KRIE Baltimore, MI		L OF ARTS & SCIENCES www.jhu.edu/registrar	UNDERGRADUATE INTERNAL TRANSCRIPT		
Student Name Hopkins Mehrle, Nicholas Freeman 897043			. I	Date of Birth 09/08/xxxx	JHU Degree and Date Conferred Master of Arts 05/18/2016	2016	Date Printed 6/3/2016	
Year of Study Senior			Advisor Heckman, Timothy Martin		Bachelor of Science in Physics 05/18/	2016	Page 1 of 3	
Other Major(s)				Minor(s)			1	
Mathematics; Applied Mathematics and Statistics				xxxxx				
DIV DE	DT CDCE#	COUDER	TITLE		CDCE CDADE CDEDITO	CDA CDA		

DIV	<u>DEPT</u>	CRSE#	COURSE TITLE			GRADE	CREDITS	<u>GPA</u>	<u>GPA</u>
					AREA			CREDITS	<u>PTS</u>
Fall 2	2012		Advanced Placement Exam	ination					
	APPM		Statistics EN.550.111		EQ		4.0		
	BIOL		Biology (Lab I Waived) AS		N		4.0		
	BIOL		Biology (Lab II Waived) A	S.020.152	_N		4.0		
	CHEM		Chemistry AS.030.101		N		3.0		
	CHEM		Chemistry Lab AS.030.105		N	//	$\frac{1.0}{2.0}$		
	CHEM		Chemistry AS.030.102		N	1	3.0		
	CHEM CSCI		Chemistry Lab AS.030.106 Comp Sci A EN.600.107		_N _E	£-6	3.0		
	EART		Env. Science TR.270.100		N		4.0		
	ECON		Econ - Mac AS.180.101		- <u>``</u>		3.0		
	MATH		Calculus BC AS.110.108		Q		4.0		
	MATH		Calculus BC AS.110.109	(Q		4.0		
	PHYS	-107	Physics C- Mech (Lab I waix	ved) AS.171.101	ĒN		4.0		
	PHYS	// //	Physics C - E&M (Lab II wa	ived) AS.171.102	EN		4.0		
	ECON		Econ - Mic AS.180.102		S		3.0		
						TOTAL	49.0		
Fall 2	2012				Biome	dical Eng			
AS	CHEM	030.205	Organic Chemistry I		N	S	4.0	0.0	0.0
AS	EART	270.103	Intro - Global Environmental	Change	N	S	3.0	0.0	0.0
AS	MATH	110.211	Honors Multivariable Calcul	us	Q	S	4.0	0.0	0.0
AS	PHYS	171.201	Special Relativity/Waves		EN	S	4.0	0.0	0.0
EN	BMED	580.111	BME Modeling & Design		EN	S	2.0	0.0	0.0
			TERM GPA	0.00		TOTAL	17.0	0.0	0.0
			CUM GPA	0.00		TOTAL	17.0		
			Dean's List						
Inter	session 201	3			Riome	dical Eng			
AS	COGS	050.124	LaTeX to write academic par	oers	NS	S	1.0	0.0	0.0
EN	CSCI	600.220	Malware: Past and Present		Ē	S	1.0	0.0	0.0
-77			TERM GPA	0.00		TOTAL	2.0	0.0	0.0
			CUM GPA	0.00		TOTAL	19.0	0.0	0.0
	ıg 2013				Pre-M	ajor			
AS	MATH	110.302	Diff Equations/Applic		Q	A	4.0	4.0	16.0
AS	PHYS	171.202	Modern Physics		N	A	4.0	4.0	16.0
AS	PHYS	171.204	Classical Mechanics II		N	Α /	4.0	4.0	16.0
EN	APPM	550.171	Discrete Mathematics	11	Q	A	4.0	4.0	16.0
EN	CSCI	600.120	Intermediate Programming	411	E	A-	4.0	4.0	14.8
			TERM GPA	3.94	1	TOTAL	20.0	20.0	78.8
			CUM GPA	3.94 3.94		TOTAL	39.0		
			Dean's List						
Sumr	ner 2013				Physic	·s			
AS	MATH	110.201	Online Linear Algebra		Q	A-	4.0	4.0	14.8
			TERM GPA	3.70		TOTAL	4.0	4.0	14.8
			CUM GPA	3.90		TOTAL	43.0		
Fall 2					Physic				
AS	ECON	180.261	Monetary Analysis		S	A-	3.0	3.0	11.1
AS	MATH	110.401	Advanced Algebra I		Q	A+	4.0	4.0	16.0
AS	PHYS	171.301	Electromag Thry II		N	A-	4.0	4.0	14.8

JOHNS J	HOPKINS R S I T Y		RIEGER SCHOO MD 21218	L OF ARTS & SCIENCES www.jhu.edu/registrar	UNDERGRADUATE INTERNAL TRANSCRIPT		
Student Name Mehrle, Nicholas	Freeman	Hopkins ID 897043	Date of Birth 09/08/xxxx	JHU Degree and Date Conferred Master of Arts 05/18/2016		Date Printed 6/3/2016	
Year of Study Senior	, , , , , , , , , , , , , , , , , , ,		othy Martin	Bachelor of Science in Physics 05/18/	⁷ 2016	Page 2 of 3	
Other Major(s)			Minor(s)	Minor(s)			
Mathematics; Applied Mathematics and Statistics			xxxxx				

DIV DEPT CRSE#	COURSE TITLE			GRADE	CREDITS	GPA	GPA PTG	
			AREA			CREDITS	PTS	
AS PHYS 171.3	03 Quantum Mechanics I		N	A+	4.0	4.0	16.0	
AS PHYS 171.3		Use	N		3.0	3.0	12.0	
EN APPM 550.4			EQ	A	4.0	4.0	16.0	
	TERM GPA	3.90		TOTAL	22.0	22.0	85.9	
	CUM GPA	3.90		TOTAL	65.0			
	Dean's List		.1	/				
Spring 2014			Physic	s /				
AS ECON 180.3	85 Evolution and Economics		S	B+	3.0	3.0	9.9	
AS MATH 110.4			Q	Α-	4.0	4.0	14.8	
AS PHYS 171.3		MIL	N	A	4.0	4.0	16.0	
AS PHYS 171.4		A	N	A+	3.0	3.0	12.0	
AS PHYS 173.3	08 Advanced Physics Lab		N	A	* 3.0	3.0	12.0	
EN APPM 550.4			EQ	_A	4.0	4.0	16.0	
/	TERM GPA	3.84		TOTAL	21.0	21.0	80.7	
//	CUM GPA Dean's List	3.88		TOTAL	86.0			
E 11 404.4	Deali s List		ъ.					
Fall 2014 AS ECON 180.3	01 Microeconomic Theory		Physic S		4.5	4.5	16.7	
AS ECON 180.3 AS PHYS 171.3				A- A	4.0	4.0	16.7	
AS PHYS 171.6					4.0	4.0	16.0	
AS PHYS 171.6					3.0	3.0	12.0	
AS PHYS 172.2			Ň	B	1.0	1.0	3.0	
EN APPM 550.3			EQ	<u>A</u>	4.0	4.0	16.0	
	TERM GPA	3.89		TOTAL	20.5	20.5	79.7	
	CUM GPA	3.88		TOTAL	106.5			
	Dean's List							
Spring 2015			Physic	es				
AS PHYS 171.5	02 Undergrad Independ Rsrch	1		S	0.0	0.0	0.0	
	TERM GPA	0.00		TOTAL	0.0	0.0	0.0	
	CUM GPA	3.88		TOTAL	106.5			
	This course is not assigned	credit.						
Fall 2015	10 1: 0 11: 11		Physic		4.0	4.0	160	
AS MATH 110.6		as	Q	A+	4.0	4.0	16.0	
AS PHYS 171.5 AS PHYS 171.6				A	$\frac{*}{3.0}$	3.0	12.0	
AS PHYS 171.6 AS PHYS 171.7		erse	1	A+	3.0	3.0	12.0	
EN APPM 550.3			EQ	A A+	4.0	4.0	16.0	
EN PCOM 661.2			FÓ	A	* 3.0	3.0	12.0	
EN TOWN 001.2	TERM GPA	4.00	Lister	TOTAL	20.0	20.0	80.0	
	CUM GPA	3.91		TOTAL	126.5	20.0	00.0	
	Dean's List	J.						
Intersession 2016	- 17		Physic	s				
EN GEOE 570.4	13 Energy 104		ES	S	1.0	0.0	0.0	
	TERM GPA	0.00		TOTAL	1.0	0.0	0.0	
- (CUM GPA	3.91		TOTAL	127.5			
Spring 2016			Physic	·c				
AS EART 270.4	23 Planetary Atmospheres		N Filysic	A+	3.0	3.0	12.0	
AS MATH 110.4			Q	A-	4.0	4.0	14.8	
AS PHYS 171.5				Ā	* 3.0	3.0	12.0	

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Other Major(s)			Minor(s)	1		
Mathematics; App	lied Mathematics and S	tatistics	xxxxx			

DIV	<u>DEPT</u>	CRSE #	COURSE TITLE		CRSE AREA	GRADE	CREDITS	GPA CREDITS	GPA PTS	
AS	PHYS	171.625	Experimental Particle Phy	rsics		A	3.0	3.0	12.0	
AS	PHYS	171.732	Elementary Particle Physi	cs		A	3.0	3.0	12.0	
EN	APPM	550.430	Introduction to Statistics		EQ	A+	4.0	4.0	16.0	
EN	MECH	530.432	Jet & Rocket Propulsion		E	A+	3.0	3.0	12.0	
			TERM GPA	3.95		TOTAL	23.0	23.0	90.8	
			CUM GPA	3.91	-47	TOTAL	150.5			
			Accepted for Concurrent C	Graduate Study in	Physics &	Astronomy	and the same of th			
			Dean's List	- 11/						
	CUMUL	ATIVE GPA	3.91		, 1	TOTAL	130.5			
	CUMUL	ATIVE DEG	REE CREDITS	1410	and the same	TOTAL	199.5			
	TOTAL	D/D+ CRED	ITS A			0.0				
	TOTAL	AP & TRAN	SFER CREDITS	JL.			49.0			
	TOTAL AP & TRANSFER CREDITS 49.0									

Advisors:

Breckenridge, Adriene 01/28/2013 - 05/18/2016 Robinson, Daniel P 09/03/2013 - 05/18/2016 Mese, Chikako 08/28/2014 - 05/18/2016 Levchenko, Andre 09/04/2012 - 01/06/2013 - (Primary Advisor) Zhang, Kechen 01/07/2013 - 01/27/2013 - (Primary Advisor) Heckman, Timothy Martin 05/28/2013 - 05/18/2016 - (Primary Advisor)

Graduated with General Honors

******End Of Transcript*****

